

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	201291	(product or component or option) with (configuration or arrangement)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L2	11507	(product or component or option) with ((configuration or arrangement) and optim\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L3	11	((maximize with profit) and (minimize with cost)) same demand	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L4	12	L2 and ((maximize with profit) and (minimize with cost))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L5	11	L4 and demand	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L6	50	(US-20020156951-\$ or US-20020194147-\$ or US-20040059447-\$ or US-20020152057-\$ or US-20030208284-\$ or US-20030163292-\$ or US-20030167354-\$ or US-20040100495-\$ or US-20060167988-\$ or US-20020178075-\$ or US-20040243699-\$ or US-20030023841-\$ or US-20030061324-\$).did. or (US-6098119-\$ or US-7107191-\$ or US-6856972-\$ or US-7039602-\$ or US-5877966-\$ or US-6813531-\$ or US-6854052-\$ or US-7062478-\$ or US-7278134-\$ or US-6708061-\$ or US-6996550-\$ or US-6725257-\$ or US-7062400-\$ or US-	US-PGPUB; USPAT	OR	OFF	2009/09/14 09:51

		7162439-\$ or US-5515269-\$ or US-6941450-\$ or US-4066116-\$ or US-5023485-\$ or US-5267446-\$ or US-RE34916-\$ or US-5476098-\$ or US-5558891-\$ or US-5615342-\$ or US-5742754-\$ or US-5914879-\$ or US-6009406-\$).did. or (US-6038665-\$ or US-6077315-\$ or US-6078569-\$ or US-6115547-\$ or US-6240328-\$ or US-6256635-\$ or US-6377247-\$ or US-6460766-\$ or US-6473874-\$ or US-6535915-\$ or US-6711676-\$).did.				
L7	50	(US-20020194147-\$ or US-20030061572-\$ or US-20040059447-\$ or US-20060190291-\$).did. or (US-6253193-\$ or US-6363488-\$ or US-6389402-\$ or US-6427140-\$ or US-6052669-\$ or US-4969595-\$ or US-5844554-\$ or US-6300948-\$ or US-6536014-\$ or US-6813531-\$ or US-6829703-\$ or US-7003360-\$ or US-7039602-\$ or US-7278134-\$ or US-5499295-\$ or US-4330025-\$ or US-4471656-\$ or US-4586266-\$ or US-4859518-\$ or US-5023485-\$ or US-5262590-\$ or US-5295067-\$ or US-5311424-\$ or US-5403644-\$ or US-RE34916-\$ or US-5478426-\$).did. or (US-5516590-\$ or US-5531363-\$ or US-5590589-\$ or US-5610710-\$ or US-5632164-\$ or US-5745765-\$ or US-5935694-\$ or US-5999620-\$ or US-6082618-\$ or US-6111207-\$ or US-6287765-\$ or US-6393331-\$ or US-6470870-\$ or US-6687816-\$ or US-5757678-\$ or US-5913051-\$ or US-4369200-\$ or US-4533743-\$ or US-5025205-\$ or US-5211641-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/09/14 09:51

L8	93	L6 or L7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L9	11507	(product or component or option) with ((configuration or arrangement) and optim\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L10	19	L8 and L9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L11	11	L10 and demand	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L12	1	L10 and (customer with demand)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L13	12	L9 and ((maximize with profit) and (minimize with cost))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L14	7	L13 and (customer with demand)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L15	10829	((upgrade\$ or upsell\$) with (option or feature or product or component))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L16	316	L9 and L15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L17	0	L12 and L16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51

L18	62	L16 and (customer with demand)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L19	1364	13and ((maximize with profit) and (minimize with cost))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L20	5	L18 and ((maximize with profit) and (minimize with cost))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L21	148	((maximize with profit) and (minimize with cost))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L22	5	L16 and L21	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L23	5	L15 and L21	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L24	2	("20040102990").FN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L25	11507	(product or component or option) with ((configuration or arrangement) and optim\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L26	50	(US-20020156951-\$ or US-20020194147-\$ or US-20040059447-\$ or US-20020152057-\$ or US-20030208284-\$ or US-20030163292-\$ or US-20030167354-\$ or US-20040100495-\$ or US-20060167988-\$ or US-20020178075-\$ or US-20040243699-\$ or US-20030023841-\$ or US-20030061324-\$).did. or (US-6098119-\$ or US-	US-PGPUB; USPAT	OR	OFF	2009/09/14 09:51

		7107191-\$ or US-6856972-\$ or US-7039602-\$ or US-5877966-\$ or US-6813531-\$ or US-6854052-\$ or US-7062478-\$ or US-7278134-\$ or US-6708061-\$ or US-6996550-\$ or US-6725257-\$ or US-7062400-\$ or US-7162439-\$ or US-5515269-\$ or US-6941450-\$ or US-4066116-\$ or US-5023485-\$ or US-5267446-\$ or US-RE34916-\$ or US-5476098-\$ or US-5558891-\$ or US-5615342-\$ or US-5742754-\$ or US-5914879-\$ or US-6009406-\$).did. or (US-6038665-\$ or US-6077315-\$ or US-6078569-\$ or US-6115547-\$ or US-6240328-\$ or US-6256635-\$ or US-6377247-\$ or US-6460766-\$ or US-6473874-\$ or US-6535915-\$ or US-6711676-\$).did.				
L27	50	(US-20020194147-\$ or US-20030061572-\$ or US-20040059447-\$ or US-20060190291-\$).did. or (US-6253193-\$ or US-6363488-\$ or US-6389402-\$ or US-6427140-\$ or US-6052669-\$ or US-4969595-\$ or US-5844554-\$ or US-6300948-\$ or US-6536014-\$ or US-6813531-\$ or US-6829703-\$ or US-7003360-\$ or US-7039602-\$ or US-7278134-\$ or US-5499295-\$ or US-4330025-\$ or US-4471656-\$ or US-4586266-\$ or US-4859518-\$ or US-5023485-\$ or US-5262590-\$ or US-5295067-\$ or US-5311424-\$ or US-5403644-\$ or US-RE34916-\$ or US-5478426-\$).did. or (US-5516590-\$ or US-5531363-\$ or US-5590589-\$ or US-5610710-\$ or US-5632164-\$ or US-5745765-\$ or US-5935694-\$ or US-5999620-\$ or US-6082618-\$ or US-6111207-\$ or US-6287765-\$ or US-6393331-\$ or US-6470870-\$ or US-6687816-\$ or US-5757678-\$ or US-	US-PGPUB; USPAT	OR	OFF	2009/09/14 09:51

		5913051-\$ or US-4369200-\$ or US-453743-\$ or US-5025205-\$ or US-5211641-\$).did.				
L28	93	L26 or L27	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L29	2	("5168455").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L30	2	("5168445").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L31	50	(US-20020156951-\$ or US-20020194147-\$ or US-20040059447-\$ or US-20020152057-\$ or US-20030208284-\$ or US-20030163292-\$ or US-20030167354-\$ or US-20040100495-\$ or US-20060167988-\$ or US-20020178075-\$ or US-20040243699-\$ or US-20030023841-\$ or US-20030061324-\$).did. or (US-6098119-\$ or US-7107191-\$ or US-6856972-\$ or US-7039602-\$ or US-5877966-\$ or US-6813531-\$ or US-6854052-\$ or US-7062478-\$ or US-7278134-\$ or US-6708061-\$ or US-6996550-\$ or US-6725257-\$ or US-7062400-\$ or US-7162439-\$ or US-5515269-\$ or US-6941450-\$ or US-4066116-\$ or US-5023485-\$ or US-5267446-\$ or US-RE34916-\$ or US-5476098-\$ or US-5558891-\$ or US-5615342-\$ or US-5742754-\$ or US-5914879-\$ or US-6009406-\$).did. or (US-6038665-\$ or US-6077315-\$ or US-6078569-\$ or US-6115547-\$ or US-6240328-\$ or US-6256635-\$ or US-6377247-\$ or US-6460766-\$ or US-6473874-\$ or US-	US-PGPUB; USPAT	OR	OFF	2009/09/14 09:51

		6535915-\$ or US-6711676-\$).did.				
L32	50	(US-20020194147-\$ or US-20030061572-\$ or US-20040059447-\$ or US-20060190291-\$).did. or (US-6253193-\$ or US-6363488-\$ or US-6389402-\$ or US-6427140-\$ or US-6052669-\$ or US-4969595-\$ or US-5844554-\$ or US-6300948-\$ or US-6536014-\$ or US-6813531-\$ or US-6829703-\$ or US-7003360-\$ or US-7039602-\$ or US-7278134-\$ or US-5499295-\$ or US-4330025-\$ or US-4471656-\$ or US-4586266-\$ or US-4859518-\$ or US-5023485-\$ or US-5262590-\$ or US-5295067-\$ or US-5311424-\$ or US-5403644-\$ or US-RE34916-\$ or US-5478426-\$).did. or (US-5516590-\$ or US-5531363-\$ or US-5590589-\$ or US-5610710-\$ or US-5632164-\$ or US-5745765-\$ or US-5935694-\$ or US-5999620-\$ or US-6082618-\$ or US-6111207-\$ or US-6287765-\$ or US-6393331-\$ or US-6470870-\$ or US-6687816-\$ or US-5757678-\$ or US-5913051-\$ or US-4369200-\$ or US-4533743-\$ or US-5025205-\$ or US-5211641-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/09/14 09:51
L33	93	L31 or L32	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L34	7	L31 and L32	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L35	11507	(product or component or option) with ((configuration or arrangement) and optim\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51

L36	46	((product or component or option) with ((configuration or arrangement) and optim \$)) same rule	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L37	1	L36 and ((feature or option) with cost)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L38	2	("5552995").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L39	2	("20050149377").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L40	51	historical with product with configurat\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L41	47	historical with product with configuration	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L42	3	historical with product with configuration with demand	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L43	3	L41 same demand	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L44	15	L41 and demand	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L45	3	(historical with demand) same (product with configuration)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51



L46	47	(historical with demand) and (product with configuration)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L47	31	L46 and rules	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L48	6	((("7386832") or ("20050149377") or ("7039602")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L49	2	L48 and sale	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L50	3	(historical with (demand or sale)) same (product with configuration)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L51	28	((historical or previous or past) with (demand or sale)) same (product with configuration)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L52	201291	(product or component or option) with (configuration or arrangement)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L53	11507	(product or component or option) with ((configuration or arrangement) and optim\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L54	11	((maximize with profit) and (minimize with cost)) same demand	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L55	12	L53 and ((maximize with profit) and (minimize with cost))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51

L56	11	L55 and demand	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L57	50	(US-20020156951-\$ or US-20020194147-\$ or US-20040059447-\$ or US-20020152057-\$ or US-20030208284-\$ or US-20030163292-\$ or US-20030167354-\$ or US-20040100495-\$ or US-20060167988-\$ or US-20020178075-\$ or US-20040243699-\$ or US-20030023841-\$ or US-20030061324-\$).did. or (US-6098119-\$ or US-7107191-\$ or US-6856972-\$ or US-7039602-\$ or US-5877966-\$ or US-6813531-\$ or US-6854052-\$ or US-7062478-\$ or US-7278134-\$ or US-6708061-\$ or US-6996550-\$ or US-6725257-\$ or US-7062400-\$ or US-7162439-\$ or US-5515269-\$ or US-6941450-\$ or US-4066116-\$ or US-5023485-\$ or US-5267446-\$ or US-RE34916-\$ or US-5476098-\$ or US-5558891-\$ or US-5615342-\$ or US-5742754-\$ or US-5914879-\$ or US-6009406-\$).did. or (US-6038665-\$ or US-6077315-\$ or US-6078569-\$ or US-6115547-\$ or US-6240328-\$ or US-6256635-\$ or US-6377247-\$ or US-6460766-\$ or US-6473874-\$ or US-6535915-\$ or US-6711676-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/09/14 09:51

L58	50	(US-20020194147-\$ or US-20030061572-\$ or US-20040059447-\$ or US-20060190291-\$).did. or (US-6253193-\$ or US-6363488-\$ or US-6389402-\$ or US-6427140-\$ or US-6052669-\$ or US-4969595-\$ or US-5844554-\$ or US-6300948-\$ or US-6536014-\$ or US-6813531-\$ or US-6829703-\$ or US-7003360-\$ or US-7039602-\$ or US-7278134-\$ or US-5499295-\$ or US-4330025-\$ or US-4471656-\$ or US-4586266-\$ or US-4859518-\$ or US-5023485-\$ or US-5262590-\$ or US-5295067-\$ or US-5311424-\$ or US-5403644-\$ or US-RE34916-\$ or US-5478426-\$).did. or (US-5516590-\$ or US-5531363-\$ or US-5590589-\$ or US-5610710-\$ or US-5632164-\$ or US-5745765-\$ or US-5935694-\$ or US-5999620-\$ or US-6082618-\$ or US-6111207-\$ or US-6287765-\$ or US-6393331-\$ or US-6470870-\$ or US-6687816-\$ or US-5757678-\$ or US-5913051-\$ or US-4369200-\$ or US-4533743-\$ or US-5025205-\$ or US-5211641-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/09/14 09:51
L59	93	L57 or L58	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L60	11507	(product or component or option) with ((configuration or arrangement) and optim\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L61	19	L59 and L60	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L62	11	L61 and demand	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51

L63	1	L61 and (customer with demand)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L64	12	L60 and ((maximize with profit) and (minimize with cost))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L65	7	L64 and (customer with demand)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L66	10829	((upgrade\$ or upsell\$) with (option or feature or product or component))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L67	316	L60 and L66	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L68	0	L63 and L67	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L69	62	L67 and (customer with demand)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L70	1364	L69 and ((maximize with profit) and (minimize with cost))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L71	5	L69 and ((maximize with profit) and (minimize with cost))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L72	148	((maximize with profit) and (minimize with cost))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51

L73	5	L67 and L72	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L74	5	L66 and L72	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L75	2	("20040102990").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L76	11507	(product or component or option) with ((configuration or arrangement) and optim\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L77	50	(US-20020156951-\$ or US-20020194147-\$ or US-20040059447-\$ or US-20020152057-\$ or US-20030208284-\$ or US-20030163292-\$ or US-20030167354-\$ or US-20040100495-\$ or US-20060167988-\$ or US-20020178075-\$ or US-20040243699-\$ or US-20030023841-\$ or US-20030061324-\$).did. or (US-6098119-\$ or US-7107191-\$ or US-6856972-\$ or US-7039602-\$ or US-5877966-\$ or US-6813531-\$ or US-6854052-\$ or US-7062478-\$ or US-7278134-\$ or US-6708061-\$ or US-6996550-\$ or US-6725257-\$ or US-7062400-\$ or US-7162439-\$ or US-5515269-\$ or US-6941450-\$ or US-4066116-\$ or US-5023485-\$ or US-5267446-\$ or US-RE34916-\$ or US-5476098-\$ or US-5558891-\$ or US-5615342-\$ or US-5742754-\$ or US-5914879-\$ or US-6009406-\$).did. or (US-6038665-\$ or US-6077315-\$ or US-6078569-\$ or US-6115547-\$ or US-6240328-\$ or US-6256635-\$ or US-6377247-\$ or US-6460766-	US-PGPUB; USPAT	OR	OFF	2009/09/14 09:51

		\$ or US-6473874-\$ or US-6535915-\$ or US-6711676-\$).did.				
L78	50	(US-20020194147-\$ or US-20030061572-\$ or US-20040059447-\$ or US-20060190291-\$).did. or (US-6253193-\$ or US-6363488-\$ or US-6389402-\$ or US-6427140-\$ or US-6052669-\$ or US-4969595-\$ or US-5844554-\$ or US-6300948-\$ or US-6536014-\$ or US-6813531-\$ or US-6829703-\$ or US-7003360-\$ or US-7039602-\$ or US-7278134-\$ or US-5499295-\$ or US-4330025-\$ or US-4471656-\$ or US-4586266-\$ or US-4859518-\$ or US-5023485-\$ or US-5262590-\$ or US-5295067-\$ or US-5311424-\$ or US-5403644-\$ or US-FE34916-\$ or US-5478426-\$).did. or (US-5516590-\$ or US-5531363-\$ or US-5590589-\$ or US-5610710-\$ or US-5632164-\$ or US-5745765-\$ or US-5935694-\$ or US-5999620-\$ or US-6082618-\$ or US-6111207-\$ or US-6287765-\$ or US-6393331-\$ or US-6470870-\$ or US-6687816-\$ or US-5757678-\$ or US-5913051-\$ or US-4369200-\$ or US-4533743-\$ or US-5025205-\$ or US-5211641-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/09/14 09:51
L79	93	L77 or L78	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L80	2	("5168455").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L81	2	("5168445").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51

L82	50	(US-20020156951-\$ or US-20020194147-\$ or US-20040059447-\$ or US-20020152057-\$ or US-20030208284-\$ or US-20030163292-\$ or US-20030167354-\$ or US-20040100495-\$ or US-20060167988-\$ or US-20020178075-\$ or US-20040243699-\$ or US-20030023841-\$ or US-20030061324-\$).did. or (US-6098119-\$ or US-7107191-\$ or US-6856972-\$ or US-7039602-\$ or US-5877966-\$ or US-6813531-\$ or US-6854052-\$ or US-7062478-\$ or US-7278134-\$ or US-6708061-\$ or US-6996550-\$ or US-6725257-\$ or US-7062400-\$ or US-7162439-\$ or US-5515269-\$ or US-6941450-\$ or US-4066116-\$ or US-5023485-\$ or US-5267446-\$ or US-RE34916-\$ or US-5476098-\$ or US-5558891-\$ or US-5615342-\$ or US-5742754-\$ or US-5914879-\$ or US-6009406-\$).did. or (US-6038665-\$ or US-6077315-\$ or US-6078569-\$ or US-6115547-\$ or US-6240328-\$ or US-6256635-\$ or US-6377247-\$ or US-6460766-\$ or US-6473874-\$ or US-6535915-\$ or US-6711676-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/09/14 09:51
L83	50	(US-20020194147-\$ or US-20030061572-\$ or US-20040059447-\$ or US-20060190291-\$).did. or (US-6253193-\$ or US-6363488-\$ or US-6389402-\$ or US-6427140-\$ or US-6052669-\$ or US-4969595-\$ or US-5844554-\$ or US-6300948-\$ or US-6536014-\$ or US-6813531-\$ or US-6829703-\$ or US-7003360-\$ or US-7039602-\$ or US-7278134-\$ or US-5499295-\$ or US-4330025-\$ or US-4471656-\$ or US-4586266-\$ or US-4859518-\$ or US-5023485-\$ or US-5262590-	US-PGPUB; USPAT	OR	OFF	2009/09/14 09:51

		\$ or US-5295067-\$ or US-5311424-\$ or US-5403644-\$ or US-RE34916-\$ or US-5478426-\$).did. or (US-5516590-\$ or US-5531363-\$ or US-5590589-\$ or US-5610710-\$ or US-5632164-\$ or US-5745765-\$ or US-5935694-\$ or US-5999620-\$ or US-6082618-\$ or US-6111207-\$ or US-6287765-\$ or US-6393331-\$ or US-6470870-\$ or US-6687816-\$ or US-5757678-\$ or US-5913051-\$ or US-4369200-\$ or US-4533743-\$ or US-5025205-\$ or US-5211641-\$).did.				
L84	93	L82 or L83	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L85	7	L82 and L83	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L86	11507	((product or component or option) with ((configuration or arrangement) and optim\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L87	46	((product or component or option) with ((configuration or arrangement) and optim \$)) same rule	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L88	1	L87 and ((feature or option) with cost)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L89	2	("5552995").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L90	0	marsten-roy.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51



L91	0	marsten-roy\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L92	0	marsten-roy-earl.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L93	0	emclen.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L94	0	emclen\$.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L95	20389	product near3 configurat\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L96	1235	(group or grouping or set or all) with (product near3 configurat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L97	1	L96 same (historical with (demand or order or request))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L98	3	("7039602").URPN.	USPAT	OR	ON	2009/09/14 09:51
L99	37	("4209845"   "4611280"   "4611310"   "4737910"   "4827423"   "5089970"   "5101352"   "5128861"   "5148370"   "5175857"   "5216612"   "5218700"   "5233533"   "5280425"   "5303144"   "5343388"   "5369570"   "5570291"   "5594639"   "5630070"   "5712985"   "5712989"   "5809144"   "5845258"   "5963953"   "5970474"   "5979757"   "5999908"   "6009406"   "6012041"   "6016504"   "6035305"   "6055519"   "6085165"	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/14 09:51

		"6085170"   "6167383"   "6188989").PN.				
L100	15	L96 with optimiz\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L101	5	(product near3 configurat\$) same (historical with (demand or order or request))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L102	36	L95 same (demand with (option or feature))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L103	115967	optim\$ with ((product near3 configurat\$) or assembl\$ or product)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L104	50	L103 same (demand with (option or feature))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L105	5	L104 and (historical with (demand or order or request))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L106	115967	optim\$ with ("product configuration" or assembl\$ or product)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L107	50	L106 same (demand with (option or feature))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L108	5	L107 and (historical with (demand or order or request))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L109	4803	"product configuration"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51

L110	32	schierholt.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L111	1	L109 and L110	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L112	0	optimal with (product or configuration) and (all adj2 possible)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L113	0	optimal with ((product or configuration) and (all adj2 possible))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L114	34519	optimal with ((product or configuration) and all possible)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L115	139	L114 and "product configuration"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L116	2	L115 and ((option or feature) with demand)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L117	0	("2009/0164262").URPN.	USPAT	OR	ON	2009/09/14 09:51
L118	2844	knowledge with configuration	USPAT	OR	ON	2009/09/14 09:51
L119	174	L118 same optim\$	USPAT	OR	ON	2009/09/14 09:51
L120	8	L119 and "product configuration"	USPAT	OR	ON	2009/09/14 09:51
L121	4	L120 and demand	USPAT	OR	ON	2009/09/14 09:51
L122	807	(possible near3 configura \$) with optim\$	USPAT	OR	ON	2009/09/14 09:51
L123	6	L122 and "product configuration"	USPAT	OR	ON	2009/09/14 09:51

L124	11	((("7231374") or ("5307261") or ("2001295462") or ("20030208284") or ("20020010521"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L125	11	((("7231374") or ("5307261") or ("2001295462") or ("20030208284") or ("20020010521"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51
L126	0	L125 and (historical with demand)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L127	0	L125 and ((historical or previous or past) with demand)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L128	15	skyva\$.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L129	1	"200149989"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L130	4956	((configurat\$ near3 product) or assembl\$) same (product with (option or feature))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L131	544	L130 and ((all or each or every or any) near2 configurat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L132	63	(optim\$ with ((configurat\$ near3 product) or assembl\$) same (product with (option or feature))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L133	8	L132 and ((all or each or every or any) near2 configurat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51

L134	12	L132 and ((all or each or every or any) near5 configurat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L135	15	L132 and ((all or each or every or any) with configurat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L136	382	(configurat\$ near3 product) with ((all or each or every or any) near2 configurat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L137	0	optimal with (configurat\$ near3 product) with ((all or each or every or any) near2 configurat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L138	4	optim\$ with (configurat\$ near3 product) with ((all or each or every or any) near2 configurat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L139	362	optim\$ with (configurat\$ near3 product)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L140	362	optim\$ with ((configurat\$ near3 product) or "product configuration")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L141	2	L140 same (product near5 (option or feature))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L142	14	((past or previous or prior or historical) near3 demand) same (product with (option or feature))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L143	1	L140 and L142	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51

L144	10	"7231374"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L145	79	((past or previous or prior or historical) with demand same (product with (option or feature))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L146	21	((past or previous or prior or historical) with demand) with (product with (option or feature))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L147	0	L140 and L146	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L148	57734	(optim\$ with ((configurat\$ near3 product) or "product configuration")) or (optim\$ with configurat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L149	27957	(optim\$ with ((configurat\$ near3 product) or "product configuration")) or (optim\$ near3 configurat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L150	14	L149 same (product near5 (option or feature))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L151	307	((forecast\$ or future) adj3 sales) same ((past or previous or prior or historical) adj3 sales)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L152	0	L140 and L151	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L153	6	L151 and (optim\$ same ((configurat\$ near3 product) or "product configuration"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51

L154	634	((forecast\$ or future) adj3 (sales or demand)) same ((past or previous or prior or historical) adj3 (sales or demand))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L155	6	L154 and (optim\$ same ((configurat\$ near3 product) or "product configuration"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L156	835	((forecast\$ or future or predict\$ or anticipat\$) adj3 (sales or demand)) same ((past or previous or prior or historical) adj3 (sales or demand))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L157	7	L156 and (optim\$ same ((configurat\$ near3 product) or "product configuration"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L158	692	(optim\$ same ((configurat\$ near3 product) or "product configuration"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L159	1946	(valid or possible or acceptable) same ((configurat\$ near3 product) or "product configuration")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L160	2	L159 same ((past or previous or prior or historical) with demand)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L161	787	(valid or possible or acceptable) with ((configurat\$ near3 product) or "product configuration")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L162	39	L140 and L161	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 09:51
L163	2	("20020073001").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:51

L164	6	((("7386832") or ("7347364") or ("7231374")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 09:56
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